

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

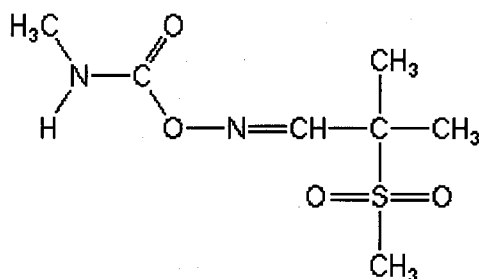
Analyte: Aldoxycarb

CAS No.: 1646-88-4

Formula: C₇H₁₄N₂O₄S

Molecular mass (lowest isotopes): 222,07 amu

Structure:



Ionisation: ESI +

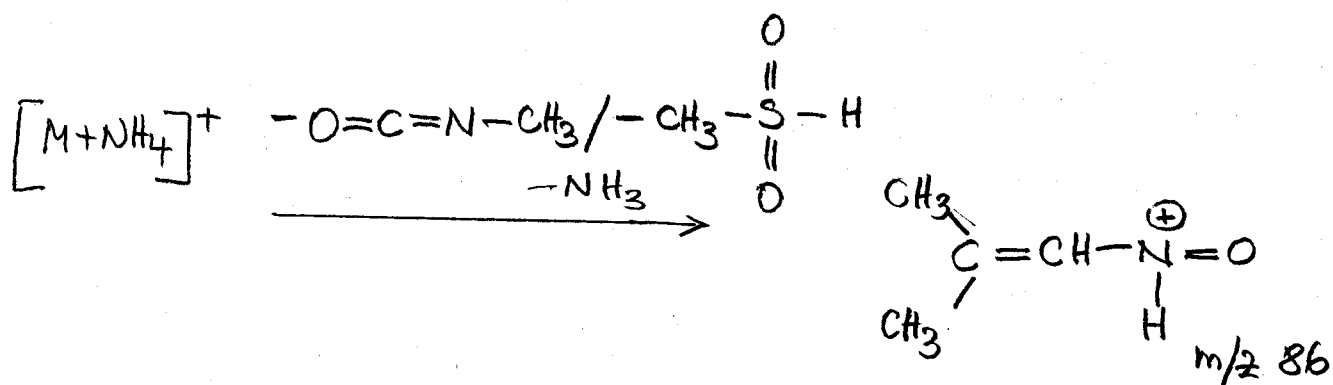
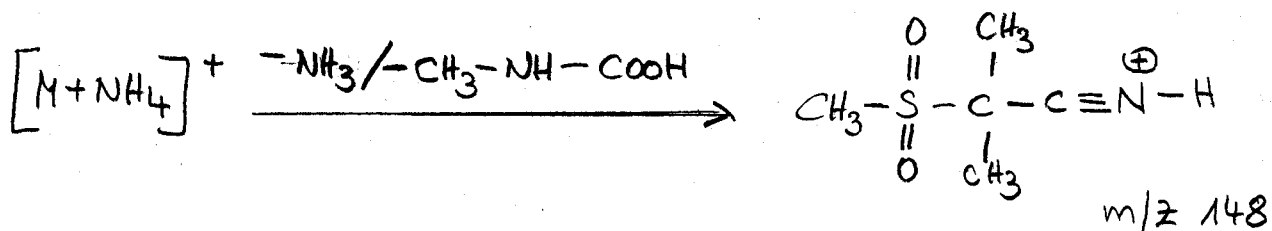
Quasimolecular ion: 240,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	240,1 → 148,0	240,1 → 86,1
Declustering potential (DP) ^{*)}	9 V	9 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	6,5 V	7,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	19 V	27 V
Collision cell exit potential (CXP)	8 V	4 V

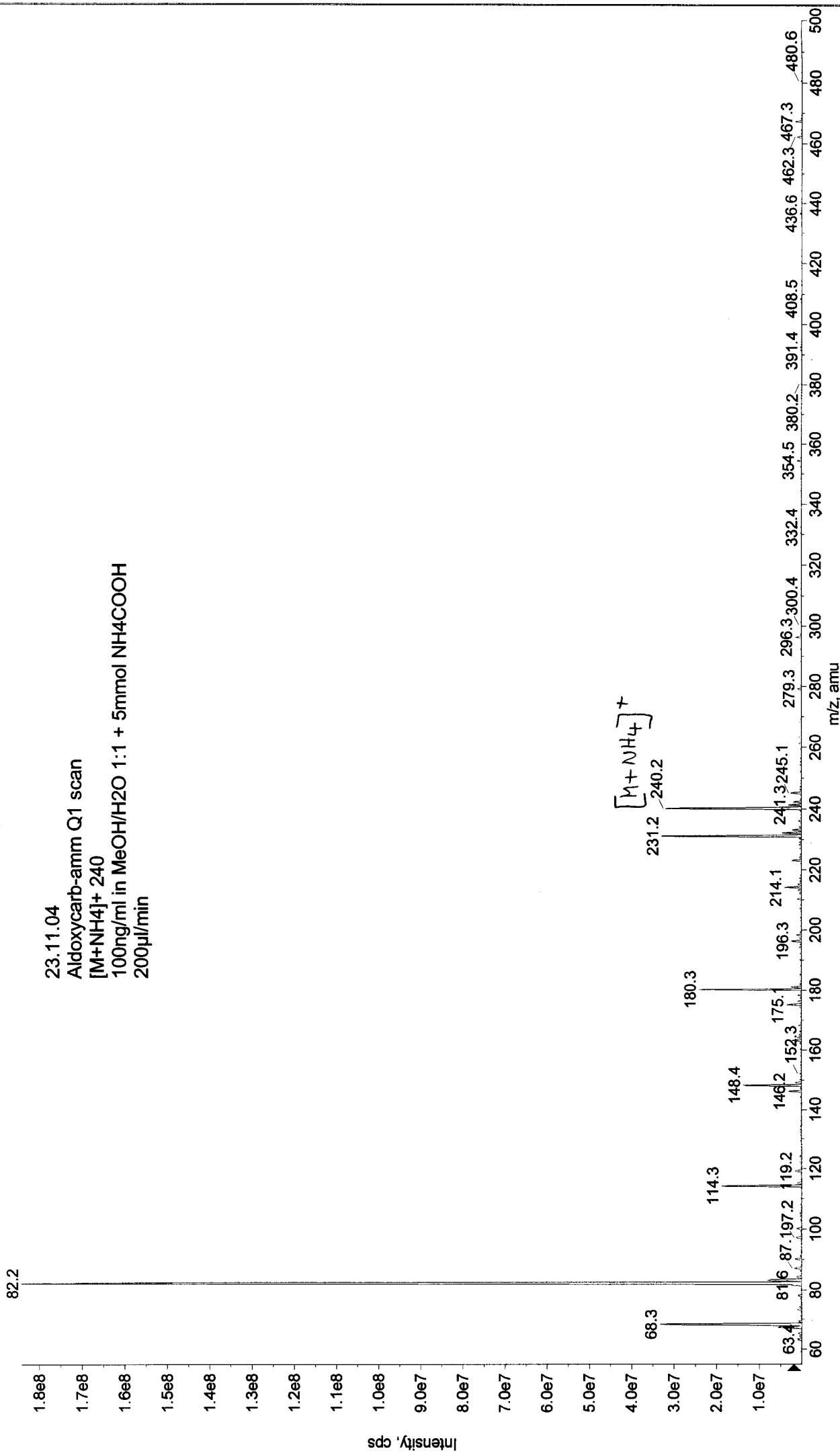
^{*)} For API 3000 and 4000 enhance DP by 20V

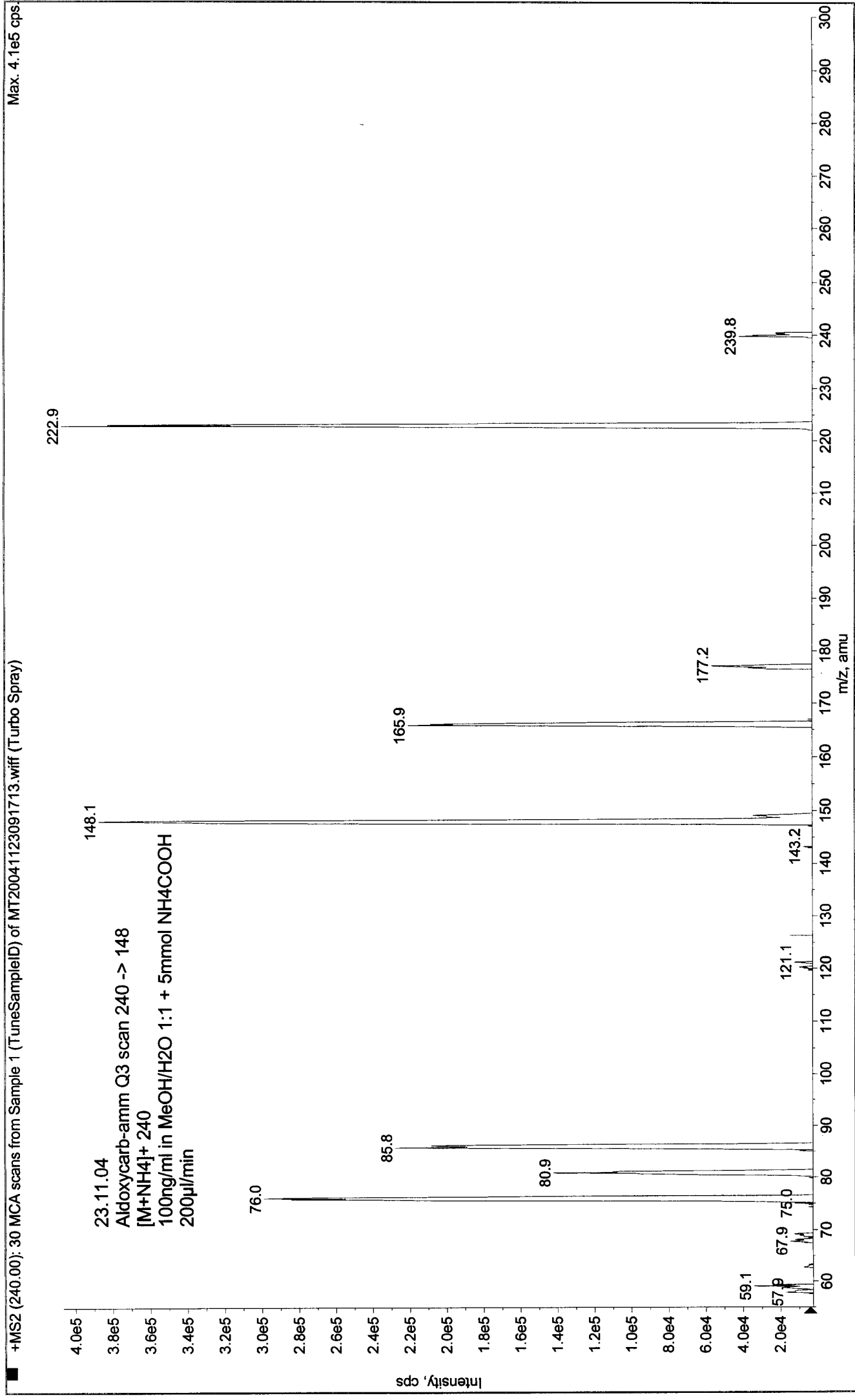
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041123085406.wiff (Turbo Spray)

Max. 1.8e8 cps





Max. 5.4e5 cps

+MS2 (240.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041123092828.wiff (Turbo Spray)

